

## Patent Medicines. . . Office Stationery

### "Temporal Power"

(Marie Corliss's new book.)

....AND....

1,000 OTHERS

**G. W. Smith's** SIGN OF THE BOOK . . .  
Imperial Bank Block, Main Street.

## MINING MACHINERY

INGERSOLL-SERGEANT ROCK DRILLS and  
LIDGERWOOD HOISTING ENGINES and CABLEWAYS

Made by

**JAMES COOPER MAN'G CO. LIMITED**  
MONTREAL.

Catalogues and Estimates on application

STOCK CARRIED IN RAT PORTAGE.  
Rat Portage Diamond Drill Co. Agents.

Warehouse at Rat Portage Iron Works.

## VULCAN IRON CO., WINNIPEG

MANUFACTURERS OF

Boilers & Engines, Mill & Elevator Machinery

IRON AND BRASS CASTINGS,

Architectural Iron Work & Bridge Material,  
All Kinds of Machinery Repaired.

AGENTS FOR

Dominion Radiator Co. Steam and Hot Water Radiators  
Fairbanks, Morse Co. Scales and Gasoline Engines  
Warden, King & Co. Daisy Hot Water Boilers  
Gardner Governor & Steam Pump Co. Governors and Steam Pumps  
Northby Mfg Co. Mining and Steam Pumps

S. S. CUMMINS, - Local Agent.

FIRE BRICKS and FIRE CLAY.

**Pumping Machinery**  
(For all Duties)

ENGINEERS and MINE  
Superintendents  
will find it to their  
interest to refer to  
us when in need of  
anything in the  
Pump line. We make  
Pumps of every de-  
scription and for all  
services.

## Hudsons Bay Co

### NEW Fall Goods

NEW Underwear,

- " Blouses,
- " Dress Goods,
- " Flannelettes,
- " Wrapperettes,
- " Lace Curtains,
- " Carpets,
- " Carpet Squares

Our stock of Boy's and  
Youth's clothing is now ready  
for your inspection, a splendid  
assortment to choose from.

## HUDSON'S BAY STORES



Give Your Eyes a Chance.

If You Would Have Your Eyes  
Serve You in the Best Way

you should see that they are cor-  
rectly fitted with proper glasses.  
Our attention insures you satis-  
factory sight. Our lenses fit your  
eyes and our frames fit your face.

## OUR MINES IN ST. PAUL

Olympia Mine has big Adver-  
tisement in the St. Paul  
Newspapers.

The Stock of the Olympia Gold  
Mining Company operating the claim  
known as "M 11," situated in Shoal  
Lake near the Mikado, is now being  
sold in St. Paul by popular sub-  
scription, big display advertisements  
appearing in the city dailies. A very  
remarkable find of rich gold ore was  
made some days ago, a pay shute  
having been struck by the miners.  
Silas I. Griffin, the local manager of  
the Olympia Company, considered the  
find of such value, that he ordered  
the stuff to be put into sacks as it  
was brought to the surface, and this  
is now being done. One of the sacks  
was brought to town, and after be-  
ing packed in a large box, was ship-  
ped to St. Paul. This is the stuff  
that is causing so much excitement  
in the saintly city. The stock of the  
Olympia Company will be raised in  
price next week—at least so say  
the advertisements, and consequently  
Mr. Geo. H. Vernon is kept busy  
just now, writing out stock certifi-  
cates.

## MINING AT THE MIKADO

Steady Development is Being  
Pushed Forward at the  
well-known Gold Mine

Manager McMillan, of the Mikado  
Mine, who has been spending a few  
days in town, on business was in-  
terviewed by a Miner reporter yesterday  
when it was learned that the de-  
velopment work now proceeding was  
turning out most satisfactorily.

"The trouble with this country,"  
said Manager McMillan, turning the  
conversation into a general channel,  
"is that we have too many mills,  
and too few genuine mines in the  
district. We talk about the idle mills  
of British Columbia, but we are guilty  
only in a lesser degree. Had we  
at the Mikado been just about ready  
to start our stamp mill now instead  
of years ago, there would have been  
a great deal of business."

## The Making of Gold Ores.

Mr. W. Alderson, M. E., Explains  
How Quartz Veins were Formed.  
They Are Throats Of Mineral  
Springs. How Gold Rose to the  
Surface.

"There are in numerous places, par-  
ticularly in mountainous regions,  
mines which are bonanzas near the  
surface, but which with depth, have  
large bodies of ore practically value-  
less.

"I speak especially of well defined  
veins, in which the trend of ore  
shoots is nearly vertical. A careful  
study of these shoots and of the en-  
closing walls, shows that as we go  
up the channel in which the ore de-  
posits were formed.

"This fact, coupled with the fur-  
ther fact that the limit of pay ore  
seems to be reached with depth in  
all mines of this character, leads to  
the conclusion that the values in ore  
deposits become less as we approach  
the original source of supply.

"Whether we believe that ore—de-  
posits were formed in open fissures  
by ascending mineralized waters, or  
that those deposits were made on the  
surface of the earth, the natural in-  
ference would be that the mine should  
be richer as the source of the pre-  
cious metals is nearer.

"How could the fluid carry the  
the precious metals in solution flow,  
for thousands or even hundreds of  
feet, leaving a deposit nearly barren  
and then make a rich deposit? Why  
is one vein good, for thousands of  
feet, and another, for only a hundred,  
or even less?

### STUDY OF ORE DEPOSITS.

"In the study of ore deposits, we  
cannot fail to note that quartz is an  
almost invariable accompaniment and  
is generally the principal part of such  
deposits. In seeking to fathom the  
problem of how veins or other de-  
posits of quartz were formed, in the  
past, it would seem to be the part  
of wisdom to notice if deposits of  
this character are being made at the  
present time.

"Investigation in this line shows  
two distinct types of deposits, first  
by hot springs, where a mass of sil-  
icious character is built up near the  
office of the spring; and, second,

times found, which it is fair to as-  
sume were at one time the throats  
or caverns of these springs. In some  
of these mines, as in the Twilight,  
near Helena, and in the Abbey, in  
the Moccasin mountains, in Fergus  
county, pay ore is found, on both  
walls of the cavern. In other mines,  
again, as at the Gilt Edge, in Mont-  
ana, the walls of the cave may be  
barren. This difference may be easily  
accounted for by noticing the way  
in which the springs seem to have  
made their discharge. Thus, the Gilt  
Edge mine seems to have been made  
by a spring on the mountain side,  
where all the deposits formed below  
the spring. As the deposit was built  
up, the office of the spring was  
forced farther and farther up the  
mountain. The lay of the cave, is,  
therefore, at an angle conforming to  
what was apparently the slope of the  
mountain at that place, and the cave  
extends down under the principal  
part of the ore deposits, on the up-  
hill side.

"What are commonly called 'pipe-  
veins,' were in all probability for-  
med by streamlets flowing from hot  
springs.

"By far the most important of  
quartz deposits are those of the sec-  
ond class—deposits formed as are  
those in the Yellowstone national  
park and in the geyser region of New  
Zealand. Possibly because of greater  
heat, the waters carry a larger  
proportion of silica. Portions of this  
silica are deposited by crystallization  
near the point of discharge, the water  
passing and at times covering con-  
siderable area where its remaining  
mineral contents are removed by the  
aid of organic life, as well as by  
crystallization.

### A PECULIAR CONDITION.

"In the study of ore deposits, we  
find a very peculiar condition—pro-  
ducts of crystallization and precipi-  
tation side by side. In fact, in some  
of the quartz mines, near Marysville,  
Montana, it is easy to find large

## FACTORY FOR WEST WARD

L. R. Maekey is Building a  
"Small Article" Factory  
using refuse as Material.

Word was received here yesterday  
that Mr. L. R. Maekey, the well-  
known lumber and tie contractor had  
purchased three acres of land in the  
west ward, in the vicinity of Mill  
No. 4, for a factory site. It is Mr.  
Maekey's intention to manufacture  
small articles, such as boxes, and  
wooden household utensils for the  
western market. He has made a con-  
tract with the Rat Portage Lumber  
Company, whereby he will be given  
control of the blocks, slabs, and the  
trimmings, which latter have been,  
for years burnt as they came from  
the mill.

Timbers are being sawn now at  
Mill No. 4, which will be used in  
the building of the new factory.

Mr. Maekey, has made a success  
of every enterprise he has gone into,  
since he came here, about ten years  
ago, and being one of the most en-  
ergetic men in the district, and also  
one of the shrewdest business heads,  
the launching of this new industry  
will be watched with great interest  
by the business community.

## MARVELS OF LIQUID AIR

Mechanics Institute Have  
Booked Prof Patty at the  
Opera House next Wedn'y

Every person has read and mar-  
veled at the paradoxical and start-  
ling things done by Liquid Air. Most  
people want to see and know more  
of this wonderful fluid, and on Wednes-  
day night, Oct. 10th, at the Hillard  
Opera House, all will have a chance  
to do so. Hundreds have already  
spoken for tickets and all going,  
should secure seats early.

The Liquid Air for the many ex-  
periments will be shipped from the  
factory in such quantity that an ab-  
undant supply will be on hand, de-  
spite the constant evaporation. These  
demonstrations in other cities have  
drawn great numbers of people, who  
have fairly revelled in the marvelous

All Kinds of Machinery Repaired.  
AGENTS FOR  
Donation Radiator Co.  
Fairbanks, Morse Co.  
Warden, King & Son.  
Bardner Governor & Steam Pump Co.  
Northy Mfg. Co.  
Steam and Hot Water Radiators  
Scales and Gasoline Engines  
Daisy Hot Water Boilers  
Governors and Steam Pumps  
Mining and Steam Pumps  
S. S. CUMMINS, - Local Agent.  
**FIRE BRICKS and FIRE CLAY.**

# Pumping Machinery

*"For all Duties"*

ENGINEERS and MINE Superintendents will find it to their interest to refer to us when in need of anything in the Pump line. We make Pumps of every description and for all services.

PUMP CATALOGUES and Specifications sent upon request.

We manufacture also the NORTHY GAS and CASOLINE ENGINE—cheap, handy, safe. Send for Booklet.

## THE Northey Company Limited, Toronto

961 King St. Subway

## THE Stuart-Arbutnot Machinery Co. LTD.

WINNIPEG, MAN.



PORTABLE BOILERS  
PORTABLE ENGINES  
PORTABLE PUMPS  
Portable Saw Mills  
Portable Lath Mills  
Portable Shingle Mills

Sole Western Agents for:  
**DODGE** Pulleys, Self-acting hangers, Shafting, etc.  
**MCGREGOR GOURLEY'S** Woodworking and Ironworking Machinery.  
**BEARDMOR'S** Leather Belting. **PACKARD'S** electric lamps  
We have first class 50 h.p. Locomotive Boiler, secondhand, ready to ship; a bargain

# WE CARRY

The Finest Stock of  
Guns, Rifles, Revolvers,  
Ammunition and  
Hunters' Appliances  
in Northwestern Ontario.

## Rat Portage Hardware Co



**Give Your Eyes a Chance.**  
If You Would Have Your Eyes Served You in the Best Way  
You should see that they are correctly fitted with proper glasses. Our attention insures you satisfactory sight. Our lenses fit your eyes and our frames fit your face. Our rimless eye glasses and spectacles are the correct thing.

**G. M. RIOCH**  
Watchmaker, Jeweller and Optician.  
Issuer of Marriage Licenses.

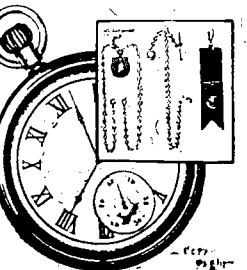
## SPORTING GOODS CATALOGUE

FREE

We send our Illustrated Catalogue free on receipt of 2c. stamp to help pay post.

With it you can choose your equipment for the winter sports, just as directly as you can at our winter camp and we make special prices for our winter goods, and our trade is so large that we are able to give you more than a mere catalogue. Our catalogue is the best of its kind in the world. It is the only one that gives you the full details of the latest in sporting goods. It is the only one that gives you the full details of the latest in sporting goods. It is the only one that gives you the full details of the latest in sporting goods.

T. W. BOYD & SON, MONTREAL



**A Quarter of the time**  
Usually spent in the selection of jewelry can be saved if the selection is made here. And a quarter of the price too. The assortment of  
**WATCHES, DIAMONDS AND FANCY RINGS, CHAINS, JEWELRY, GOLD AND SILVER NOVELTIES**  
is remarkable in many ways, but the most interesting feature is the very modest prices at which they are sold.

**D. T. Ferguson,**  
C. P. R. Watch Inspector.  
Issuer of Marriage Licenses.  
WATCHMAKER, JEWELLER AND OPTICIAN

Manager McMillan, of the Mikado Mine, who has been spending a few days in town, on business was interviewed by a Miner reporter yesterday when it was learned that the development work now proceeding was turning out most satisfactorily.

"The trouble with this country," said Manager McMillan, turning the conversation into a general channel, "is that we have too many mills, and too few genuine mines in the district. We talk about the idle mills of British Columbia, but we are guilty only in a lesser degree. Had we at the Mikado been just about ready to start our stamp mill now instead of years ago, there would have been a very different story to tell, and the Mikado for one would have had ore supplies to last for twenty years at least.

"However the old proverb says it is never too late to mend, and acting on this truism we are now fairly started in the work of making the Mikado a mine. We are giving all our attention to development work and when we start the mill again it will be to keep it running permanently."

"When do you think it will start?"

"That is a question which can be answered by a purely arithmetical calculation: when we have ore supplies blocked out and figured on to keep the mill going steadily night and day indefinitely then will the mill be started up to run permanently. At the present things are looking bright for such a program being inaugurated in the near future."

### SULTANA STOCK HOLDER HERE.

Mr. A. K. Rhoden, of Shanghai, China, was in town this week. Mr. Rhoden is a member of the English syndicate which owns the Sultana mine, and his visit here at this time is taken as an indication that the Englishmen have decided to resume operations in their Bold Indian Bay claim. Mr. Rhoden was very reticent about the affairs of the mine, but he did not deny that his syndicate were active, and considering the matter of recommencing work at an early date.

Church of Christ—Services in Lily Hall on Sunday at 11 a. m. and 7 p. m. Preaching morning and evening by the pastor, M. P. Hayden. Sunday School at 3 p. m. and prayer meeting on Wednesday evening at 8 o'clock. All are welcome to these meetings.

### OFFICIAL BILL POSTER.

When you want bills posted call up John Anderson of the Hilliard House who is the only licensed bill poster in Rat Portage. If an unlicensed man is employed, the bills can be covered up at any time, besides Mr. Anderson owns the bill boards.

one vein and for thousands of feet, and another for only a hundred, or even less?

### STUDY OF ORE DEPOSITS.

"In the study of ore deposits, we cannot fail to note that quartz is an almost invariable accompaniment and is generally the principal part of such deposits. In seeking to rathum the problem of how veins or other deposits of quartz were formed, in the past, it would seem to be the part of wisdom to notice if deposits of this character are being made at the present time.

"Investigation in this line shows two distinct types of deposits; first by hot springs, where a mass of silicious character is built up near the orifice of the spring; and, second, where the agencies which caused vast quantities of super-heated water to come to the surface were more active, forming a deposit over an extended area.

"In the first class may be mentioned Steamboat Springs, in Nevada, to which frequent reference is made by various writers, and Boulder Hot Springs, in Montana, to which Mr. Weed has devoted considerable attention. Not only are deposits of quartz being made at these places at present, but those deposits are known to carry small quantities of gold and silver. I would say, therefore, that it would be a reasonable inference to conclude that what we call chamber deposits were formed in this way.

### THROATS OF OLD HOT SPRINGS.

"In support of this view may be mentioned the fact that in many of these deposits, vast caves are some-

times of the size of the class-class-deposits formed as are those in the Yellowstone national park and in the geyser region of New Zealand. Possibly because of greater heat, the waters carry a larger proportion of silica. Portions of this silica are deposited by crystallization near the point of discharge, the water passing and at times covering considerable area where its remaining mineral contents are removed by the aid of organic life, as well as by crystallization.

### A PECULIAR CONDITION.

"In the study of ore deposits we find a very peculiar condition—products of crystallization and precipitation side by side. In fact, in some of the quartz mines, near Marysville, Montana, it is easy to find large quartz crystals, surrounded on all sides but their base by a flocculent precipitate. It is easy to conceive how the portion thrown down by precipitation might have been formed under water, even to depths of thousands of feet, but the portion crystallized could have been formed only by evaporation. The process of crystallization is practically one of dehydration, in which the fluid carrying quartz in solution is freed from water. This could not take place at great depths under water, but only where there was opportunity for the fluid to pass off into the air.

"And it is also a peculiar fact that we have but to observe how quartz is being formed on the surface of the earth to-day, to solve the problem of how two such opposite forces as precipitation and crystallization may do their work without conflict. In the (Continued on Page Three.)

## FOR CARRYING A GUN. FOUGHT THE BURGLAR.

**Al. Cameron appeared before the Beak and is fined \$20 and Costs.**

On Wednesday night Al. Cameron caused a lot of trouble around the Albion House on Matheson street, owned by a namesake of his, the genial "Al. Cameron," and the result was that the troublesome "Al" found himself in the toils. It appears that he tried to break into several rooms of the hotel, but being under the influence of liquor, he was just as much at a loss to understand his motive as were the guests who laid the information. When arrested a revolver was found on the prisoner, for carrying which he was fined \$20.00, and costs.

Matron Reynard requests that visitors will make their calls at the hospital between the hours of two and four in the afternoons. It greatly inconveniences the patients and the staff if this rule is violated.

**Plucky Young Clerk Fights Masked Man for Half an Hour.**

About eleven o'clock last night, just as the clerk of Drewry's wholesale liquor stores at Keewatin, was cashing up, preparatory to his leaving the premises for the night, a masked man entered and demanded the contents of the till. Ladouceur, the clerk, had extinguished the store lights, but had in his hand a pocket electric light, which he smashed over the head of the burglar. A tussle ensued, and the two fought and wrestled for half an hour in the total darkness. During the struggle the front windows were broken, and seizing an opportune moment the masked robber, made a bound and dashed through one of the apertures in the glass. The clerk immediately raised an alarm but up to the time of going to press, no trace of the burglar had been found. Mr. Ladouceur is badly battered his face and head being cut open in several places.

Every person has read and marveled at the paradoxical and startling things done by Liquid Air. Most people want to see and know more of this wonderful fluid, and on Wednesday night, Oct. 10th, at the Hillard Opera House, all will have a chance to do so. Hundreds have already spoken for tickets and all going, should secure seats early.

The Liquid Air for the many experiments will be shipped from the factory in such quantity that an abundant supply will be on hand, despite the constant evaporation. These demonstrations in other cities have drawn great numbers of people, who have fairly revieled in the marvelous experiments of this unique and won-



derful power that gives promise of immense industrial changes through its agency. It is not a sensational lecture, but the evening is a series of sensations from start to finish, because of the new wonders revealed. We feel assured that this miracle worker will be greeted with a full house.

There has been quite a call at the Library for magazines and articles dealing with Liquid Air, since the Entertainment on that interesting subject was announced for our city.

Through the enterprise of The Mechanic's Institute, securing the Liquid Air entertainment, for our city, hundreds of Rat Portagers will next Wednesday night see Liquid Air boil when placed on ice, see frost form on the kettle when placed over fire; rubber, iron and tin made brittle, steel burned in the Liquid Air in which strawberries are freezing as hard as bullets, and scores of other startling and interesting feats by this scientific marvel.

To see a rubber ball bounced upon the floor and caught, then dipped into Liquid Air, and thrown upon the floor, only to crush-like glass into little fragments; to see steel burning in Liquid Air contained in a tumbler made of ice—these sights are indeed sufficiently startling, and next Wednesday night, these, and many others, will be performed by Prof. Patty, the Liquid Air expert, at the Hillard Opera House.

Messrs. George Drewry, Jake Gaudaur, and Doc. Scovill left this morning for their fall duck shoot at Crom Lake.

# RAT PORTAGE MINER

Issued every Tuesday and Friday by the Miner Publishing Co. of Rat Portage, Limited.

Largest Circulation in the Ontario Gold Fields

**SUBSCRIPTION RATES.**  
One Year, \$1.00. Six Months, 50c. Three Months, 25c. All payments in advance. Labels above the date your subscription expires. All papers continued until express order to discontinue them, and all arrears are paid.

RAT PORTAGE, ONT., OCT. 10, 1902

## A SCIENTIFIC PARADOX.

Liquid air is ordinary atmospheric air in an extraordinary condition, looking and flowing like water—a liquid but absolutely dry and 312 degrees below zero in temperature. It boils fiercely when put on ice, but freezes the flames of an oil stove, when placed thereon. It melts steel, but freezes alcohol. It will burn an electric light carbon at a temperature of about 3,500 degrees above zero in the same tumbler in which cranberries are being frozen hard as stone. Rubber, tin and iron are made as brittle as glass, while mercury is made as hard as steel, and nails are driven with a quicksilver hammer. Automobiles have been propelled by liquid air, and the New York Hospitals have had some promising results with its curative properties in cancer cases and also as a local anesthetic in surgical operations. It can be made an explosive, or used as an agent for producing complete combustion of garbage.

## BORNIE SCOTLAND.

In spite of emigration, Scotland has still a plenty of the old stock left, as appears from the last census of Great Britain. On March 1, 1901, according to the returns which have just been made public, the population of Scotland was 4,472,103, of whom 2,173,755, were males, and 2,298,348, females. The total increase since the census of 1891, was 11.09 per cent. There are 150 inhabitants for every one of the 29,796 of square miles of which Scotland consists. About 70 per cent. of the population lives in towns. Some of the counties are very sparsely populated, Sutherland, for instance, having only eleven inhabitants to the square mile. The census shows that 28,106 inhabitants of the highlands of Scotland cannot speak English, their language being the Gaelic. In addition, 202,700 Scotch men and women, who can speak English use the Gaelic language when not conversing with the Anglo-Saxon. The economic condition of the people shows a slight improvement since the census of 1891. In that year 22.16 per cent. of the Scotch families resided in dwellings having only one room. In 1901 the percentage had fallen to 17.61. An Edinburgh newspaper boasts that there is not a single man in the

# DON'T LISTEN

To what people say when they would discourage your hope of exchanging womanly weakness and sickness for perfect health. Women who have been invalids for years, scarcely able to be up half the time, and the other half of their time spent in bed, have been made healthy, hearty women by the use of Doctor Pierce's Favorite Prescription. It cures the womanly diseases which undermine the strength. It establishes regularity, dries weakening, draining, inflames and ulceration and cures female weakness.



"With pleasure I would advise a few lines to you know that I feel much better than for eight years before taking your Favorite Prescription," writes Mrs. Pierce Grant of 10 West Philadelphia Street, York, Penna. "I will recommend Dr. Pierce's Favorite Prescription to every person who may inquire as to what it has done for me. I was troubled with female weakness and began to think I would never be well. If I had continued the treatment prescribed by my doctor, I don't know what would have become of me. When your treatment was commenced my weight was 110 lbs. at present it is 150. I have healthy color and my friends say I look well. My best thanks to you and my best wishes too, for what you have done for me."

"Favorite Prescription" makes weak women strong, sick women well. Accept no substitute for the medicine which works wonders for weak women.

The Common Sense Medical Adviser, 1000 pages in paper covers, is sent free on receipt of 31 one-cent stamps to pay expense of customs and mailing only. Address Dr. R. V. Pierce, Buffalo, N. Y.



## Kidney Disorders

Are no respecter of persons.

People in every walk of life are troubled. Have you a Backache? If you have it is the first sign that the kidneys are not working properly.

A neglected Backache leads to serious Kidney Trouble.

Check it in time by taking

## DOAN'S KIDNEY PILLS

"THE GREAT KIDNEY SPECIFIC."

They cure all kinds of Kidney Troubles from Backache to Bright's Disease.

50c. a box or 3 for \$1.25

all dealers or

THE DOAN KIDNEY PILL CO., Toronto, Ont.

WALKED INTO THE LAKE.

Mr. T. W. Keyworth, the broker, walked off one of the

# \$ KING CASH \$

## WE SELL FOR CASH. WE BUY FOR CASH.

**KING CASH STORES**

will convince you that the cash is a great factor in making low prices. A person with the CASH is a thoroughly independent person, who is not looking for any favors, but who is looking for VALUE for VALUE. And the CASH MERCHANT is the only merchant who can give value for value. In a CASH STORE you have nothing to pay for but the goods and a living margin for the CASH MERCHANT. In a CREDIT STORE you have to pay not only for the goods and the living for the merchant, but you pay another margin to cover those unpaid accounts which the merchant cannot collect from some of those old customers of his who have forgotten to pay their bills. YOU PAY STILL ANOTHER MARGIN to cover the expense of that beautiful system of books which adorns the office of the CREDIT MERCHANT, and you pay for the book-keeper's wages too.

AND YOU PAY STILL ANOTHER MARGIN to cover the extra cost to the merchant of the goods that he sells, because a CREDIT MERCHANT selling his goods on time has not the CASH wherewith to buy more goods to replace those that have been sold on credit, but to replace them he must also get credit from his wholesale merchant and for this accommodation he pays for his goods more than the CASH MERCHANT DOES.

So, all these EXTRA MARGINS conspire to make higher prices, and it can be readily seen how it is that such large concerns as The T. Eaton Co., of Toronto, can do business in towns that are thousands of miles removed from their stores in Toronto.

The MERCHANTS blame the people for not supporting the tradesmen of their own towns—but no one is to blame but the MERCHANTS themselves for the remedy is in the hands of the MERCHANT.

**THE REMEDY**  
IS THIS  
**VALUE FOR VALUE**  
WE ARE GETTING PRICES DOWN TO WHERE THEY OUGHT TO BE  
and  
A LITTLE BIT OF PROFIT ON A GREAT MANY SALES IS THE GUIDING STAR  
at

# KING CASH

Corner Fort and Matheson Streets

# Hilliard Opera House

bouls Hilliard, Proprietor.

COMMERCIAL MEN'S HEADQUARTERS while in the LAKE OF THE WOOD DISTRICT. CONVENIENT AND WELL-LIGHTED SAMPLE ROOMS and all modern conveniences.

The hotel rooms are all large and well ventilated and the table is the best in New Ontario.

Bus meets all trains.

# Clearing Sale OF WALL PAPER AT LONGLEY'S.

## INSURANCE

Fire, Accident & Plate Glass

G. C. FRISBIE, (Successor to C. W. CHARTER) CLOUGHIER BLOCK RAT PORTAGE

## FIRE, LIFE AND ACCIDENT INSURANCE.

RENTS COLLECTED.

M. SEEGMILLER

Office: Scott & Hudson Building Co.

## All Meals on Our Dining Cars are Served a la Carte

And our "Flyer," daily from St. Paul and Minneapolis to the Pacific Coast, carries luxurious Buffet-Smoking, Library Cars and Palace Sleeping Cars. No change of cars between St. Paul and Seattle. Only two nights on the train. Time cards and full information from all agents of the

**Great Northern Railway**

or from F. I. WHITNEY, General Passenger Agent, St. Paul, Minn.

## Treasurer's Sale of Lands

FOR ARREARS OF TAXES IN THE TOWN OF RAT PORTAGE, District of Rainy River.

square miles of which 70 per cent. of the population lives in towns. Some of the counties are very sparsely populated, Sutherland, for instance, having only eleven inhabitants to the square mile. The census shows that 28,106 inhabitants of the highlands of Scotland cannot speak English, their language being the Gaelic. In addition, 203,700 Scotch men and women, who can speak English use the Gaelic language when not conversing with the Anglo-Saxon. The economic condition of the people shows a slight improvement since the census of 1891. In that year 22.16 per cent. of the Scotch families resided in dwellings having only one room. In 1901 the percentage had fallen to 17.61. An Edinburgh newspaper boasts that there is not a spot on the civilized globe where St. Andrew's day is not celebrated.

**EDITORIAL NOTES.**  
Our printer's devil says, "Tarte is making 'pi' of the liberal party."

It is now beginning to feel decidedly "early" at seven o'clock in the morning.

While the United States coal miners are striking, Canadians are striking coal mines in several new places.

On another page we produce a picture of a kettle boiling on a block of ice. This mode of making tea ought to become quite fashionable in large cities during the coming winter.

The Ontario Government made a good move when they ordered compulsory inspection of lumber camps by a surgeon appointed for the purpose. The idea is mainly to prevent outbreaks of smallpox.

Max O'Reilly says never to offer women advice. Don't. The chances are that their judgement is better than yours, and that you don't know what you're talking about, anyway.

The Minneapolis Journal says, "if the report that King Edward refused point blank, to confer a peerage upon William Waldorf Astor, even at the solicitation of Lord Salisbury, proves to be true, American respect for the good judgement and sense of propriety of the king will be greatly enhanced."

A firm of soap makers has awarded a contract to an Eastern magazine for a full page in each issue of the periodical for three years with the option of two additional years. The price agreed upon is the magazine's full rate of \$4000 per page per issue, making an expenditure of \$48,000 per year, and a total of \$144,000 in this one medium, with a probability of an increase of \$50,000.

Have you a Backache? If you have it is the first sign that the kidneys are not working properly.  
A neglected Backache leads to serious Kidney Trouble.  
Check it in time by taking  
**DOAN'S KIDNEY PILLS**  
"THE GREAT KIDNEY SPECIFIC."  
They cure all kinds of Kidney Troubles from Backache to Bright's Disease.  
50c. a box or 3 for \$1.25  
all dealers or  
**THE DOAN KIDNEY PILL CO.,**  
Toronto, Ont.

### WALKED INTO THE LAKE.

Mr. T. W. Keyworth, the mining broker, walked off one of the docks on Tuesday night and dropped into twenty feet of water. Though unable to swim, he managed to keep afloat for some minutes until his cries attracted the attention of a passer-by who came to the rescue. Mr. Keyworth must have kept remarkably cool, to have succeeded in keeping above water so long. He is none the worse for his sudden ducking.

### WHY NOT CHANGE YOUR MEDICINE?

If You Have Failed Up to the present to Banish Rheumatism and Sciatica Try

### Paine's Celery Compound

There is but one true and reliable specific for the cure of all forms of rheumatism, it is Paine's Celery Compound. This decided and weighty assertion is fully supported by letters from thousands of cured men and women, and prominent physicians have tried and fearlessly supported the statement.

If your efforts up to the present with other medicines have failed to drive the terrible disease from your system, remain no longer in agony and peril; change your medicine at once. Prudence and wisdom will surely direct you to use Paine's Celery Compound, the medicine that has cured so many of your friends and neighbors.

The prompt and marvellous cure of Mrs. E. King, Cedar Hill, Victoria, B. C. who endured the tortures and agonies of rheumatism for almost a lifetime, points unmistakably and truly to the fact that Paine's Celery Compound is the king of medicines for the cure of rheumatism, she says:

"I have been troubled with rheumatism nearly all my life, and about eight years ago I had a very severe attack, almost losing the use of my right arm. A friend recommended the use of Paine's Celery Compound, and kindly gave me a bottle. I was so much benefited by that one bottle, that I took three more, and was quite cured. Since then it has been almost my only medicine for all the ailments from which I have suffered, and all my family have found some benefit from it. I am sixty-five years of age. I live on a farm, get up early in the morning, and am now equal to a good day's work."

WE ARE GETTING PRICES DOWN TO WHERE THEY OUGHT TO BE  
and  
A LITTLE BIT OF PROFIT ON A GREAT MANY SALES IS THE GUIDING STAR  
at  
**KING CASH,** Corner Fort and Matheson Streets

### "Something Special For Ladies"

On Wednesday we will have on exhibition One Hundred Skirt lengths of Imported English Worsteds and Scotch Tweeds and Cassimers in every conceivable Pattern and Color. The goods are the BEST SNAPS ever offered in Rat Portage. We sell them at Old Country Cost Price—less the freight. It will pay you to call and inspect them. No trouble to show goods.

### CUTHBERT THE TAILOR. MEN WANTED.

Twenty-five wood cutters wanted at the 20th Century Mine. A dollar a cord will be paid for four foot wood.

Apply at the  
**20th CENTURY MINE**  
on the Manitou.

### Miners Wanted.

Four Good Miners Wanted at the Flint Lake Mine.—Apply by letter to  
**CAPTAIN J. M. JONES**  
At the Mine.

### STEAMER FOR GRACE MINE.

Mr. J. H. Casler, completed a deal Wednesday, whereby he acquires for the Grace Mining Co., the steamer, "Oro" the property of Mr. John Carlson, who ran the boat out to the Sultana mine. The "Oro" is just 33 feet long over all, and is equipped with a Westinghouse compound engine. It was loaded on a flat car on Wednesday, afternoon at the Rat Portage Iron Works marine slip, and was attached to the local train yesterday morning, bound for Verrillion Bay. The Grace mine people have a lot of freight to transport from the siding to the mine this fall which will keep the "Oro" busy until the close of navigation.

### SCOTT'S EMULSION

Scott's Emulsion is the means of life and of the enjoyment of life of thousands of men, women and children.

To the men Scott's Emulsion gives the flesh and strength so necessary for the cure of consumption and the repairing of body losses from any wasting disease.

For women Scott's Emulsion does this and more. It is a most sustaining food and tonic for the special trials that women have to bear.

To children Scott's Emulsion gives food and strength for growth of flesh and bone and blood. For pale girls, for thin and sickly boys Scott's Emulsion is a great help.

Send for free sample.  
**SCOTT & BOWNE, Chemists,**  
Toronto, Ont.  
50c and \$1.00; all druggists.

### A BABY CHANGED.

The Mother Tells How it Was Accomplished.

"A wonderful change," is the verdict of a lady correspondent who writes us about her little one. "I take pleasure," writes Mrs. R. H. Bickford, of Glen Sutton, Que., "in certifying to the merits of Baby's Own Tablets, as I have found them a sure and reliable remedy. My baby was troubled with indigestion, and was teething and cross and restless, and the use of the tablets made a wonderful change. I think the timely use of Baby's Own Tablets might save many a dear little life, and I would recommend mothers to keep them in the house."

The opinion of this wise mother is echoed by other correspondents. Baby's Own Tablets give such comfort and relief to a sick baby, they so infallibly produce calm, peaceful sleep, that you would almost think them a narcotic. But they are not. They are only a health-giver for children of any age. They cannot possibly do harm—they always do good. May be had from druggists, or by mail, post paid, at 25 cents a box by writing direct to the Dr. Williams Medicine Co., Brockville, Ont., or Schenectady, N. Y.

### HOCKEY MEETING.

The annual meeting of the Thistle Hockey Club was held last night with President Bunn in the chair, when the following officers were elected for the ensuing year.—  
Patron—Mayor Cameron, M. L. A. Hon. President—J. O. Beaudro. Hon. Vice-Pres.—Jno. R. Bunn. President—Jos. Johnson. Vice-Pres. Dr. Laidlaw. Secretary—L. C. Charlesworth. Treasurer—Allan Young. Captain—Thos. Hooper. Vice-Captain—J. McGimise.

DELEGATES.  
Jas. Johnson and A. M. Rose.  
AUDITORS.  
Jos. Derry and E. R. Jones.  
EXECUTIVE COMMITTEE.  
L. Roach, Jas. Grose, and G. W. Smith.

**INSURANCE.**  
RENTS COLLECTED.  
**M. SEEGMILLER**  
or from F. I. WHITNEY, General Passenger Agent, St. Paul, Minn.

### Treasurer's Sale of Lands FOR ARREARS OF TAXES IN THE TOWN OF RAT PORTAGE. District of Rainy River.

TO WIT:  
By virtue of a warrant issued by the Mayor, under the Corporate Seal of the Town of Rat Portage, to use directed, bearing date the 25th day of August, 1902, compelling me to levy on the lands mentioned below for arrears of taxes due thereon, with the costs, I hereby give notice that unless such arrears and all costs are sooner paid, I shall proceed to sell the said lands, or so much thereof as may be necessary for the payment of the taxes and costs thereon, at the Town Hall, in the said Town of Rat Portage, on TUESDAY, the 9th day of DECEMBER, A.D. 1902, at the hour of TEN o'clock in the forenoon.  
D. H. CURRIE, Town Treasurer.

Description of Property to be Sold For Taxes.	Site	Frontage or Otherwise	Amount of Taxes In Arrears	Fees and Expenses	Total
Lot 18, Plan M3.	Grace	50x150	\$ 21.23	\$ 2.00	\$ 23.23
" 131, Block 2.	Second	50x150	110.57	4.05	114.62
" 19, " 1.	Water	100x120	257.87	7.15	265.02
Interest 33, Block 1.	Main	18x200	83.63	3.48	87.11
Lot 200, Block 2.	Loc. X21	50x150	81.70	3.54	85.24
" 10, Loc. 400P.	Coney Island	18x43	1.83	1.88	3.71
" 219, Block 3.	Sixth	50x150	19.04	2.00	21.04
" 2, Loc. 400P.	Coney Island	18x37	1.37	1.80	3.17
" 94, Block 4.	Sixth	30x150	12.45	1.82	14.27
Sq 30, Block 3.	Fourth	25x150	81.53	3.02	84.55
Lots 25, 27 and 28, Loc. 400P.	Coney Island	18x43	2.15	2.15	4.30
" 175 and 176, Block 1.	Loc. X21	100x150	23.40	1.85	25.25
" 193 and 194, Block 1.	" do	" do	20.20	2.10	22.30
Lot 41, Block 5.	East Third	50x150	55.77	2.00	57.77
Sq 22, Block 3.	Fifth	50x 75	25.41	2.14	27.55
Lots 203, 204 and 202, Block 2.	Loc. X21	150x150	69.55	3.01	72.56
N/6, Block 2.	Main	25x150	41.15	12.85	54.00
Lot 16, Plan M3.	Grace	50x150	61.87	3.05	64.92
Lot 48, Block 3.	Fourth	30x 75	35.88	2.95	38.83
E/40, Block 3.	Fourth	25x150	38.19	2.50	40.69
Lots 2 and 3, M13.	Coney Island	11x 44	37.19	2.20	39.39
" 217 and 218, Block 3.	Sixth	100x150	27.74	2.20	29.94
" 198, Block 1.	Loc. X21	50x150	45.76	2.63	48.39
" 102, Block 1.	Loc. X21	50x150	6.76	1.75	8.51
N/2, Block 3.	Fifth	50x 75	33.00	2.60	35.60
Lots 57 and 58, Block 1.	Loc. X21	100x150	38.63	2.42	41.05
Lots 235, 236, 237, 234, 235 and 236.	Loc. X21	" do	80.50	3.00	83.50
Block 2.	Loc. X21	" do	68.30	2.40	70.70
Lots K85 and K86.	" do	24x 43	243.43	7.04	250.47
4.5 in. in Loc. X110	" do	25 ac	80.36	3.50	83.86
Pt. Loc. D56.	Coney Island	2.95 ac	59.01	3.00	62.01
Int. W/2 Loc. 418P.	" do	12.28 ac	80.07	3.05	83.12
Pt. Loc. D57.	Coney Island	" do	57.23	2.93	60.16
S Pt. of Loc. 121P, Plan N-6	" do	48 ac	537.72	16.40	554.12
Block H, Loc. K9	" do	16.4 ac	80.83	3.14	83.97
Preston's Location.	" do	19 ac	150.58	5.50	156.08
Location D59.	" do	4 ac	78.37	3.50	81.87
N/2 Lot 20, Block 3	Fifth	50x150	33.90	2.40	36.30

All the above lands are patented.  
D. H. CURRIE, Treasurer, Town of Rat Portage.  
First published in the Miner September 5th, 1902.

**MAYOR'S WARRANT.**  
D. H. Currie, Treasurer of the Town of Rat Portage  
Town of Rat Portage, District of Rainy River, Province of Ontario, To WIT:  
You are hereby authorized and directed to levy upon the lands described in the several lists hereto annexed, the arrears of taxes due thereon and all the costs and charges authorized by statute in that behalf, and to proceed in the sale of said lands for said arrears of taxes and costs as the law directs.  
As witness my hand and the Seal of the Corporation of the Town of Rat Portage this 25th day of August, in the year of our Lord 1902.  
D. O. CAMERON, Mayor.

*Always the leader. Always the care -  
Always the best -  
Blue Ribbon Ceylon Tea*

## Business Cards.

### ACCOUNTANTS.

**D. A. PENDER,**  
ACCOUNTANT AND AS-  
SIGNER, -Vereker Block, Matheson  
street, Rat Portage, Ont.

### DENTAL.

**D. N. SOHNARR,** Dentist, Office:  
over Ferrier's Store, Second St.,  
Rat Portage. Office Hours - 9 a.m. to  
6 p.m.

**D. D. MARSHALL,** Dentist, Rice  
Block, Main St., Rat Portage. Office  
hours - 9 a.m. to 6 p.m.

**J. M. McFARLANE, L.D.S., D.D.S.,**  
Office, Bank of Ottawa Building,  
Cor. Main and Fort Streets, Rat  
Portage.

### LEGAL.

**BIRD & MCGILLIVRAY,** Barris-  
ters, Solicitors, etc. Imperial  
Block, Rat Portage, Ont.  
J. Edward Bird, J. F. MacGillivray.

**THOMAS R. FERGUSON,** Barris-  
ter, Solicitor, Conveyancer, Etc.,  
Rat Portage, Ont.

**ALLAN McLENNAN,** Barrister,  
Solicitor, Notary Public, etc.  
Office over Bank of Ottawa, Brydon  
Block, Rat Portage. "Money to Loan"

**EARNLEY & HASSARD,** Barris-  
ters, Solicitors, Notaries, etc.  
Confederation Life Building, Entrance  
4 Richmond st. east, Toronto. A. R.  
HASSARD, B. C. L., W. D. EARNLEY.

**BOYCE & DRAPER,** Barristers,  
Solicitors, Notaries, etc. Offices  
Vereker block, corner Matheson and  
Fort street, Rat Portage.  
A. C. BOYCE. G. H. DRAPER.

**W. M. BOSTON TOWERS,** Barris-  
ter, Solicitor, Proctor, Notary,  
Etc. Offices: in Imperial Bank Cham-  
bers Rat Portage. Special attention  
given to contested Mining Claims and  
Departmental work. Toronto Agents:  
Messrs. McCarthy, Osler, Hoskin &  
Creelman.

**MORAN & MacKENZIE,** Barristers  
Solicitors, Notaries etc. Offices  
Imperial Bank Chambers; Rat Port-  
age. Money to Loan on first class  
Security.

**W. J. MORAN, P. E. MacKENZIE,**  
Crown Attorney for  
District of Rainy River.

### MEDICAL.

**DRS. EDMISON & LAIDLAW,**  
Office, Dr. Edmison's, Main St.

**DR. DAVID,**  
Office: Opposite Imperial Bank,  
Main street. Telephone 91.

## THE BANK OF OTTAWA.

HEAD OFFICE, OTTAWA.

CAPITAL, \$2,000,000 - - - - - REST, \$1,760,455

GENERAL BANKING BUSINESS TRANSACTED.

SAVINGS BANK DEPARTMENT

Deposits of \$1.00 and upwards received and interest allowed.

RAT PORTAGE BRANCH - - - C. G. PENNOCK, Manager.

## =Keewatin Flour=

The flour that can't be beat.

**FIVE** It is true  
**ROSES** beyond a doubt  
You want it.  
Your customers want it.  
A clean flour from a clean mill.

Its Splendid Qualities Never Vary.

## - STORM SASH -

If you want Storm Sash and Doors, you can  
make no mistake in getting them from us.  
We give you the best for the least money.

**DO - NOT - DELAY**  
**Order Now**

Rat Portage Lumber Co., Limited

SASH AND DOOR DEPARTMENT.

Rat Portage, Ontario.

## Metronome's Medley

I had a big string of copy written  
for the last issue of The Miner. But  
somehow or other it didn't go in.  
Perhaps it doesn't matter though,  
for up to the time of going to press  
with this stuff there have not been  
over a dozen letters of complaint  
from disappointed subscribers. There  
was a poem of mine too which  
should have gone in the last issue,  
but even the copy of this is lost,  
and I can't remember what it was  
about. Posterity is therefore robbed  
of something it never had, the present  
generation loses something it  
didn't want, and an idea I had,  
which I painfully penned in pesky  
pentameters is gone from me, per-  
haps, (and let us hope) forever.

Mr. Sutherland has explained in a  
charmingly ingenious manner, which  
makes me like him the more, all  
about his leaving the concert plat-  
form. He has been singing in Rat  
Portage for years, and getting noth-  
ing for it, but he has at last arriv-  
ed at the age when he thinks he  
ought to quit it. When Mr. Narin  
asked him to sing, Mr. Sutherland  
replied, "Yes, I will sing, but this  
will be the last time I will sing for  
anybody, unless they wish to pay  
me for it." Mr. Sutherland thought  
his reply was tantamount to a fare-  
well, but he is mistaken in this for  
he will find himself singing just as  
often as he did before, for no local  
concert would be complete without  
him, and there is no reason why he  
should not be paid. He has spent  
years in study, and hard work learn-  
ing to sing, and as long as people  
are willing to pay money to hear  
him sing, just so long should he re-  
ceive his fee, the same as a doctor  
or a lawyer receive theirs. The fare-  
well concert is therefore off, for Mr.  
Sutherland is too great a favorite  
with the music loving people of Rat  
Portage, to be allowed to stay at  
home when any singing is toward,  
just for the sake of a legitimate fee.  
The Coronation Choir has been a

very live topic of conversation since  
last Tuesday night, and I must say  
that I never heard such diversity of  
opinion as this choir has occasioned.  
Had this company advertised them-  
selves as the London England Con-  
cert Company, they would have given  
unbounded satisfaction. But a  
"choir," and the Westminster Abbey

CORONATION Choir too - well I  
hope I may be excused from harbor-  
ing a suspicion of doubt, that's all.  
I firmly believe that any of our  
choir leaders could organize a better  
male choir, than that Carry Nation  
choir which appeared in the Opera  
House on Tuesday night.

There still seems to be something  
in the air presaging feeling unamic-  
able about that band question even  
yet. The Fire Brigade passed a res-  
olution at a recent meeting, in  
which a tone of dissatisfaction seem-  
ed to sound, although I feel con-  
vinced the fire laddies did not in-  
tend it that way. Of course the Fire  
Brigade were the first to step into  
the breach to fill the musical gap,  
in our social fabric, but it must be  
confessed that they accomplished  
little of a tangible nature, while  
the A. O. F. came forward, with  
some considerable enterprise, and  
succeeded in raising \$600. while the  
fire fighters were dreaming even their  
plans. In a western mining town,  
such as this people like to see things  
done promptly and thoroughly, and  
this is just what the A. O. F. boys  
did. And then McLean and Walton,  
and those other boys are hustlers.  
They have ordered instruments for  
a band, and got plans well under way  
also for an orchestra to play for  
dances and at the theatre, so that  
the Fire Brigade should not now say  
anything more about the matter, or  
frame any resolutions, that might  
hinder the good work that is about  
to be accomplished.

I hear rumors of a little comic op-  
era being under way for presentation  
at the Hillard Theatre, before the  
skating season starts. I hope this  
news is true, and that Mr. W. C.  
McLean, who I understand has the  
matter in hand, will be successful in  
his undertaking. We have good talent  
here and a fine theatre, and Mr. Mc-  
Lean is a good leader, so there is no  
reason apparent why the comic op-  
era idea should not crystallize. The  
benefits to those who take part are  
 manifold, - they learn sight reading,  
memorizing, stage deportment, grace  
of movement, and other accomplish-  
ments. Mr. McLean's talented wife  
will no doubt take hold of the stage  
work, so that there should be noth-  
ing lacking to present a most inter-  
esting entertainment along the lines  
mentioned above.

**G. E. SMITH,**  
South Main Street.

**GROCERIES!**

**G. E. SMITH,**  
South Main Street.

**The Russell House**

(Continued from Page One)

**MAKING OF GOLD ORES.**

we find? The fluid making these  
deposits would come to the sur-  
face, carrying silica, and the pre-  
cious metals in solution. The fluid in



W.M. BOSTON, TOWERS, Barristers, Solicitors, Imperial Bank Chambers, Rat Portage. Special attention given to contested Mining Claims and Departmental work. Toronto Agents: Messrs. McCarthy, Osler, Hoskin & Creelman.

**MORAN & MACKENZIE, Barristers**  
Solicitors, Notaries etc. Offices Imperial Bank Chambers, Rat Portage. Money to Loan on first class security.  
W. J. MORAN, P. E. MACKENZIE,  
Crown Attorney for  
District of Rainy River.

#### MEDICAL.

**DRS. EDMISON & LAIDLAW.**  
Office, Dr. Edmison's, Main St.

**DR. DAVID.**  
Office: Opposite Imperial Bank, Main street. Telephone 91.

#### MINING ENGINEERS.

**T. R. DEACON**  
M. E. O. L. S.

Copies of all Plans of Surveys, Field Notes, Reports, Estimates, and other documents made by me have been left at my residence, 1st street, where they may be inspected for a fee of 25c.

#### RAT PORTAGE, ONT.

**CHAS. BRENT, Mining Engineer**  
and Metallurgist. Rat Portage, Ont.—Examines and reports on mining properties. Superintends the erection of mining and milling plants. Ten years' experience in Thunder bay and Rainy River mining districts.

#### SURVEYORS.

**EDMUND SEAGER, O.L.S., and**  
D. L. S.—Office near Ottawa House, Macdonnell street, Rat Portage.

#### HOTELS.

**CENTRAL HOUSE—Matheson st.,** opposite C. P. Station, Rat Portage. Rates: \$1.00 to \$1.50 per day. Good Table, Fine Liquors and Cigars. Every Accommodation. J. Beaudro & Son, Props.

**RUSSELL HOUSE—Rat Portage**  
Ont. Rates: \$1.00 to \$2.00 per day. This house has been thoroughly refitted. Everything is first class. The Bar is supplied with the choicest Liquors and Cigars. J. G. Gaudaur, Proprietor.

**HOTEL IRELAND, Winnipeg.**  
Main St. first class in every respect. Is in the centre of the wholesale and retail district. Rates, \$2.50, \$3.00 and \$4.00 per day. W. D. DOUGLAS, Proprietor.

#### WALPOLE, ROLAND

(Mining and Civil Engineer.)

**CONSULTING Engineer & Inspector, Can**  
Pacific L. D. Reports and Surveys, Easements and Underground Plans a specialty. References: Engineering Journal, New York, Mining Review, Ottawa; Imperial and Ontario Banks; Mining Journal, London; Engineering, Montreal; Hubby and The Virginia Companies; Messrs. Ray, Street & Co. Bankers, Port Arthur, Canada; Address: "Roland, McNeill's Cafe, Ray, Toronto."

We have not advanced the price of our tobaccos. Amber smoking tobacco, Bobs, Currency and Fairplay chewing tobaccos are the same size and price to the consumer as formerly. We have also extended the time for the redemption of Snowflake tags to January 1st, 1901.

THE EMPIRE TOBACCO CO., LIMITED

# DO - NOT - DELAY Order Now

**Rat Portage Lumber Co., Limited**

SASH AND DOOR DEPARTMENT.

Rat Portage, Ontario.

## YOUR HEALTH

Will be greatly benefitted by the use of a malt beverage. Our well known brands of

**Refined Ale,  
Extra Stout and  
Redwood Lager...**

Are pure liquid foods, manufactured with great care and thoroughly matured in wood. As a strengthening tonic they cannot be excelled. If you doubt it just give them a trial.

**Geo. Drewry, Agt.,**  
Rat Portage, Ont.

**Edward b. Drewry**  
Manufacturer and Importer  
WINNIPEG.

**George Drewry**  
WHOLESALE  
WINES AND LIQUORS

**ALE, PORTER AND  
LAGER.**

Manufactured expressly for family  
and put up in half-pint bottles.

**CARBONATED WATER.—A**  
full assortment of the celebrated  
Golden Key Brand always in stock.

**ALLEN'S CLARIFIED AND  
REFINED CIDER.**  
KEEWATIN. ONTARIO

**INSURANCE.**  
**FIRE. LIFE. ACCIDENT.**

**J. R. BUNN,** Successor  
to M. Kyle

Agent H. R. Land Dept.  
OFFICE—MATHESON ST. P.O. Box 130  
Phone 22. Correspondence Solicited.



**Through Tickets**  
TO ALL POINTS  
East, West and South

**CHEAP TICKETS TO CALIFORNIA**  
with through Tourist Car, every  
Wednesday, via Portland  
and Shasta route.

**OCEAN TICKETS** on sale to Great  
Britain and the Continent; also to  
Asiatic ports, etc.

Trains leave Winnipeg daily at 1:45  
p.m. from Canadian Northern Railway  
Station, Water street. First class  
equipment, including Pullman, and  
Dining Cars.

For further information call on any  
Canadian Northern Ticket Agent or  
write to

**CHAS. S. FEE, H. SWINFORD,**  
G. P. & T. A. General Agent,  
St. Paul. 301 Main St.  
Winnipeg Man.

## NOTICE.

THE Secretary of the Library has  
been directed by the Board to  
REFUSE books to any subscriber  
whose subscription is in ARREAR.  
Delinquent subscribers will govern  
themselves accordingly.

BY ORDER.

## RESTFUL SERVICE

We frequently hear of people suc-  
cumbing to the pressure and wor-  
riment always connected with an active  
business career. If people would  
allow themselves more frequent relax-  
ations from their work and seek rest  
and comfort in, for instance, a ride  
upon the North-Western Limited, the  
most comfortable train in every re-  
spect (running every night between  
the Twin Cities and Chicago), the  
number of physical break-downs would  
be greatly reduced. For lowest rates,  
time of trains, etc., address T. W.  
Teasdale, Gen. Pass. Agent, St. Paul.

Sutherland, is too great a favorite  
with the music loving people of Rat  
Portage, to be allowed to stay at  
home when any singing is toward,  
just for the sake of a legitimate fee.  
The Coronation Choir has been a  
very live topic of conversation since  
last Tuesday night, and I must say  
that I never heard such diversity of  
opinion as this choir has occasioned.  
Had this company advertised them-  
selves as the London England Con-  
cert Company, they would have given  
unbounded satisfaction. But a  
"choir," and the Westminster Abbey

(Continued from Page One.)

## MAKING OF GOLD ORES.

Yellowstone national park to-day,  
where the overflow from the hot  
springs and geysers reaches flats be-  
low, some of the water is held in  
its course where portions of the min-  
eral contents are precipitated by hot  
water algae. Evaporation taking  
place at the same time, we have,  
as we find in quartz veins, products  
of crystallization and precipitation,  
blending with each other. Thus we  
understand how some silicates have  
been thrown out of solution and de-  
posited as dehydrated silica and how  
with such are amorphous precipita-  
tes, some of which have assumed  
crystalline form and some of which  
have not.

"But if ore deposits are aided in  
their formation by organic matter, it  
is reasonable to infer that we should  
be able to find remains of these  
plants in the veins themselves. Pos-  
sibly they have not been carefully  
looked for. I believe, however, that  
abundant evidence of their presence  
is forthcoming.

## FORMATION OF QUARTZ VEINS.

"Let us imagine that quartz veins  
were formed in this way. What would

**Bulky Packages of Cereal Break-**  
**fast Foods Are Not Guarantees**  
**of Economy or Quality.**

One Package of  
**Malt Breakfast Food**

Makes a Meal for  
Twenty-five People.

While the manufacturers of Malt  
Breakfast Food do not claim to give  
the public the most bulky package of  
food, they make the positive state-  
ment that one package of their cere-  
als will make twice as many meals  
for the money as any other food  
on the market.

In addition to this economical fea-  
ture, Malt Breakfast Food is vastly  
more nourishing for young and old.  
Tens of thousands of users consider it  
the most delicious and appetizing of  
all breakfast foods. Physicians and  
food experts say it is a true health-  
giver. Grocers everywhere in Canada  
and Malt Breakfast Food the fastest  
seller. If you have not yet given it a  
trial, ask your grocer for it.

McLean, who I understand has the  
matter in hand, will be successful in  
his undertaking. We have good talent  
here and a fine theatre, and, Mr. Mc-  
Lean is a good leader, so there is no  
reason apparent why the comic op-  
era idea should not crystallize. The  
benefits to those who take part are  
 manifold,—they learn sight reading,  
memorizing, stage deportment, grace  
of movement, and other accomplish-  
ments. Mr. McLean's talented wife  
will no doubt take hold of the stage  
work, so that there should be noth-  
ing lacking to present a most inter-  
esting entertainment along the lines  
mentioned above.

We find? The fluid making these  
deposits would come to the sur-  
face, carrying silica and the pre-  
cious metals in solution. The fluid in  
flowing away from the orifice would  
naturally drop first that with which  
it was most heavily loaded. The  
water being hot, and evaporation  
active, quartz would crystallize rap-  
idly, forming that portion of the  
vein which contains little, if any, val-  
ue. The solution flowing on, would  
come to a portion of the channel  
where it would be held until it was  
all evaporated, or a goodly portion  
of the mineral contents were removed  
by crystallization and precipitation.  
Having parted with the greater pro-  
portion of its silica, there would be  
a relatively small amount left when  
the gold in the solution is taken  
from it. On the same principle where  
the solution contained base metals in  
large amounts they would crystallize  
out first and deposits made further  
down the channel would be compar-  
atively free from them. Thus we have  
the base ore, not under permanent  
water level, but near the original  
source, while further down the ore  
would be what we call oxidized.

"Thus we have a reasonable explana-  
tion of why, in blanket deposits, we  
find the base ore, not under water  
level, but at the highest point in  
the deposit, as in the Sunrise and  
Bunker Hill mines, in Colorado, and  
we may understand from this, also  
why the base ore in the Gilt Edge  
mine is on the side nearest the cave.



To the Weary Dyspeptic,  
We Ask This Question:  
**Why don't you remove  
that weight at the pit  
of the Stomach?**

Why don't you regulate that variable  
appetite, and condition the digestive  
organs so that it will not be necessary to  
starve the stomach to avoid distress after  
eating?

The first step is to regulate the bowels.  
For this purpose

**Burdock Blood Bitters**  
Has No Equal.

It acts promptly and effectually and  
permanently cures all derangements of  
Digestion.

**G. E. SMITH,**  
South Main Street.

## The Russell House.

J. G. GAUDAUR, PROPRIETOR.

**MOST Popular Hotel in Western Canada.** Every-  
thing New and Up-to-Date. Table Unexcelled.  
The Finest Brands of Wines and Liquors, and  
the Choicest Kinds of Cigars kept in stock,  
Large and Well-Lighted Sample Rooms.



## CANADIAN PACIFIC

Through Daily Service to

**The West The East**  
via All Rail, or via The Lakes.

First Class Sleepers and Dining Cars on  
all Through Trains.

Tri-Weekly Tourist Car Service  
East and Westbound. Comfort of  
Passengers, the first consideration,  
assured by competent attendants and  
Perfect Service.

Tourist Rates quoted to all Winter  
Resorts.  
California, Florida, The Antipo-  
des, China, Japan.

For full information apply to nearest  
C.P.R. agent, or write  
**C. E. McPHERSON,**  
General Passenger Agent,  
Winnipeg, Man.



**A  
Liqueur  
Scotch  
Whisky.**

At the same price  
as ordinary whisky.

**JOB  
PRINTING.**

In the Neatest  
Designs at

**THE MINER OFFICE**

**McVEIGH & WALSH**  
SOLE AGENTS.

# THE GLASGOW HOUSE

## Another Month of Sensational Prices.

**Extraordinary Success of  
Our Great Mid-Summer  
Sale of Dry Goods**



ENCOURAGED BY THE EXTRAORDINARY SUCCESS of this sale during the past few weeks we are now induced to make still further efforts during the next four weeks. Every Department in our store has been thronged daily during this sale with enthusiastic and delighted customers, and no wonder, for the values we offer have never before been equalled here.

**Ready to Wear Skirts**

A shipment of these, bought specially for This Sale, in Gray, Black and Navy, made of Light Weight Frieze, unlined, and five rows of stitching. These skirts are good value at \$5.00. **Sale Price \$3.90**

## GREAT CLEAR- ING OF REMNANTS

**A**FTER THE ENORMOUS BUSINESS DONE THIS PAST MONTH, we are in consequence left with short ends in all departments, our tables at the door are just piled with REMNANTS of ALL KINDS and MARKED AT PRICES THAT WILL MAKE THEM DISAPPEAR QUICKLY

**Ladies' Coats**

12 Ladies' Coats, Medium Weights, for early fall wear. Regular price from \$7.50 to \$10. We will clear out this lot at **\$4.00**

**BLOUSES**

All our White and Colored Blouses to be cleared out at **Half Price** during this Sale.

**SILK BLOUSES**

We have a small lot of Colored Taffeta Blouses, in Blue, Pink, Navy and Brown. These were \$8.50 each. Our Clearing Price for August will be **\$3.50 Each**

**Special Snaps in Flannelette Blankets**

A purchase, at factory prices, of 200 pairs Flannelette blankets in White and Grey, enables us to give you this special offer. 10-4 best quality Blankets in Grey or White what you have regularly paid \$1.00 for, during this August Sale **70c per pair.**

# WM. MACKENZIE & CO.

Cor. Fort & Main Sts.

**We Still  
Contend  
THAT  
Banks' Photos  
ARE THE  
BEST.**

Mrs. G. E. Smith left on Monday night for her home in the east where she intends to spend the winter.

Mr. Reg. W. Teeple, of Brantford Ont., arrived here on Wednesday morning to accept a position on the Miner staff.

The Vulcan Iron Company of Winnipeg, state that they cannot get men enough, and are greatly rushed in consequence trying to fill orders.

Messrs. G. H. Royine, and A. W. Simmonds two commercial men from Montreal are registered at the Opera House.

The Beaudro party are having good sport at Buffalo Lake judging from the bags of game sent home Wednesday.

An effort will be made to get the school children into the liquid air entertainment at half price next Wednesday evening.

Have you got your ticket for the liquid air demonstration yet? The first at Hook's will get the choice seats.

**PHENIX**  
of Brooklyn  
Fire Insurance Co.  
LONDON LANCASHIRE LIFE ASSOC'N  
ONTARIO ACCIDENT INSURANCE CO.  
MINING STOCKS  
bought and sold.

**S. S. Cummins**

Rat Portage - - - Ontario

FURNISHED ROOM TO RENT  
One block north of Post office.  
House modern. Apply P. O. box 217.

**Fall Suitings...**

NOW is the TIME to make your choice of that new fall suit. We have the newest things in imported goods and our workmanship is acknowledged the best in the district.

WE are making a Specialty of Furlined Overcoats this season.

THE fall and winter Centre Furnishing stock is now in.

**M. NICHOLSON**

MERCHANT TAILOR. MAIN STREET.

PING PONG

AT

VICTORIA HALL

Two Nights a Week.

## COLD WEATHER COMFORTS.

**FINE ICE WOOL** Shawls 60,  
\$1.00 and \$1.75 each.  
Ice Wool and Shetland Com-  
bined \$2.25 each

**Local Interest**

Next Thursday is Thanksgiving day.

Mr. Bert Payne of Winnipeg is in town.

Mr. Price of Mikado Reef is in town.

Monday next is the regular council meeting date.

THAT  
**Banks' Photos**  
ARE THE  
**BEST.**

**Local Interest**

Next Thursday is Thanksgiving day.

Mr. Bert Payne of Winnipeg is in town.

Mr. Price of Mikado Reef is in town.

Monday next is the regular council meeting date.

Mr. and Mrs. A. McLennan are staying at the Hilliard Opera House.

Mr. J. Herener of Gravenhurst arrived in town yesterday.

Dr. Schnarr returned home from Winnipeg Tuesday night.

Mr. Beaudro of Stevens Point Fishery is in town.

Mr. J. Gordon of Vancouver stopped off here to-day on his way east.

Mr. and Miss Morris of Cameron Island are in town.

Mr. Geo. Glass left for Goldrock on Tuesday.

The wild, but succulent wild goose is the favorite dish these days.

Mr. and Mrs. W.A. Ferguson, have taken up residence at the Opera House.

General Sir Henry Wilkinson, K.C.B., is at present, staying at the Black Eagle mine.

Lecture on Carlyle's "Sartor Resartus," to-night in the Methodist church.

Mr. S. S. Cummins returned on Tuesday night from a business trip to Winnipeg.

Mr. Bobb Rowley who has been with the 20th Century Company is in town.

Manager and Mrs. McMillan left yesterday morning to return to the Mikado mine.

Mrs. A. Milne and two daughters left for Winnipeg this week where they will reside permanently.

Mr. A. McQuarrie of Norman, who has been contracting at Carmen all summer, returned home yesterday.

Mr. Anthony Dunn, President of the 20th Century Mining Co., left on the east bound express on Tuesday night for Dinorwic from whence he will go to the mine.

Mr. Burgess of Caulfield, Henderson and Burns, Toronto, is in town on the interests of his firm.

Mr. W. Walker of the C. P. R. auditing staff, was in town Wednesday.

Mr. J. H. Casler, of the Grace mine left yesterday morning for Vermillion Bay.

Mr. Greenbeck M. I. is at the Viking mine, Erie Lake, perpetrating mining operations on his claim.

The Vulcan Iron Works of Winnipeg, state that they cannot get men enough, and are greatly rushed in consequence trying to fill orders.

Messrs. G. H. Reayne, and A. W. Simmons, two commercial men from Montreal are registered at the Opera House.

The Beaudro party are having good sport at Buffalo Lake judging from the bags of game sent home Wednesday.

An effort will be made to get the school children into the liquid air entertainment at half price next Wednesday evening.

Have you got your ticket for the liquid air demonstration yet? The first at Hook's will get the choice seats.

Mr. A. Milne, late accountant of the Mikado mine, has taken a position with Barre Bros. of Winnipeg, the well-known butter and cream wholesalers.

The Royal Jubilee Hospital Board beg to thank Mr. Geo. Steeman of Rapid River for a donation of about fifteen bushels of vegetables, which are most acceptable.

Mr. Alex. Cameron, Chief of the Comisariat Dept., at the 20th Century Mine, Goldrock who has been in town this week purchasing winter supplies left for home yesterday.

The Miner Humorist observes that the ladies hats this year, bear the insignia of 20th century commercialism—they nearly all have a "long green" attachment.

Mr. Geo. Pagon, the popular bookkeeper at the Russell House, has returned from a hunting and prospecting trip in the neighborhood of Ingonish.

When the Rat Portage Foresters Band make their bow to the public, they will be one of the best equipped bands in the west, so Manager Walton says. Everything is the best and all Canadian made. The celebrated "Imperial" class A-instruments and equipment complete for sixteen pieces.

We have not advanced the price of our tobaccos, Amber smoking tobacco, Bobs, Currency and Fairplay chewing tobaccos are the same size and price to the consumer as formerly. We have also extended the time for the redemption of Snowshoe tags to January 1st, 1902.

THE EMPIRE TOBACCO CO., LIMITED.

**MICA**  
makes short roads.  
**AXLE**  
and light loads.  
**GREASE**  
Good for everything  
that runs on wheels.  
Sold Everywhere.  
Made by IMPERIAL OIL CO.

**Fire Insurance Co.**  
LONDON LANCASHIRE LIFE ASSOC'N  
ONTARIO ACCIDENT INSURANCE CO.  
**MINING STOCKS**  
bought and sold.

**S. S. Cummins**

Rat Portage Ontario

**FURNISHED ROOM TO RENT**  
One block north of Post office—  
House modern. Apply P. O. box 217.

Alderman Horswill fell on the C. P. R. trestle work near Cameron and Heaps on Wednesday, as he was going to see about some waterworks repairs. He has been thinking about personal repairs ever since.

The Lady Marcebees will hold a social and dance on Monday evening at Mrs. Perrault's house opposite Central School. An admission fee of 25 cents will be charged.

Mr. Frank J. Atkinson who has been holding a "steady trick" at the Union Station office Toronto, arrived in town Wednesday, to resume his old position under chief despatcher Hodson at this point.

We wish to thank Mr. Walter Welis of the government assay office at Belleville for a bag of fine samples of tin ore (Cassiterite) which he was kind enough to send us this week. We will share up with prospectors who are interested in the ore.

**Arrive Tuesday!**

x Or Thereabouts x

**Big Shipment of Fruits.**

GRAPES.  
PEARS  
CRABAPPLES.

Best Quality and our prices shall be the lowest for cash, no matter what others sell for.

CAR LOAD OF WINTER APPLES AND CAR LOAD OF POTATOES TO FOLLOW.

**A. S. Horswill: The People's Grocer—Matheson St.**

WE are making a Specialty of Fur-lined Overcoats this season.  
THE fall and winter Cents' Furnishing stock is now in.  
**M. NICHOLSON**  
MERCHANT TAILOR. MAIN STREET.

**PING PONG**  
AT  
**VICTORIA HALL**  
Two Nights a Week.  
STARTING  
**TUESDAY, SEPT. 16th**

Tickets for the entire season may be obtained at \$1.00 for each gentleman. Ladies free.

**Admission 10 Cents**  
N. B.—Victoria Hall is now beautifully floored, and open for renting for Balls, Socials and Private Parties.  
APPLY TO PROPRIETORS.

**Mortgage Sale**  
OF VALUABLE  
**Mining Property**

Near the Town of Rat Portage.

Under and by virtue of the power of sale contained in a certain mortgage which will be produced at the time of sale, there will be offered for sale by R. J. Parrott, Esquire, Auctioneer, by Public Auction at the Town Hall at the Town of Rat Portage in the District of Rainy River, on WEDNESDAY, the 22nd day of OCTOBER, 1902, at 12 o'clock, noon, the following valuable Mining Property in the District of Rainy River, situate between Spruce Lake and Rat Portage Bay, viz:—

Mining Location "K" 5 as shown on plan of said location of record in the Crown Land Department at Toronto, containing 121 acres, more or less, excepting thereout and therefrom an undivided three-quarter interest in the Northwesterly part or portion of said location containing 58 acres, more or less, as shown on plan made by James McCallum, P. L. S., dated May 23rd, 1902, and filed in the Registry Office at Rat Portage as plan Number 24.

The property is said to be well mineralized and wooded and particularly rich in nickel-bearing quartz.  
Terms—Ten per cent. of the purchase money to be paid at the time of sale, and the balance within thirty days thereafter.  
For further particulars and conditions of sale apply to  
**ALLAN McLENNAN,**  
Sole Agent for the Vendor  
Rat Portage, Ont.

Dated at Rat Portage, this 16th day of September, 1902.

**GOOD WEATHER COMFORTS.**

**FINE ICE WOOL** Shawls 60, \$1.00 and \$1.75 each.  
Ice Wool and Shetland Combined \$2.25 each

**FUR** Collars, Ruffs and Cap-erines from \$2.00 to \$15 each according to Quality and Kind of Fur.

**RED** Blanket Cloth \$1.25 per yard.

**WHITE** Bear for Children's coats 50 inch wide \$2.50 a yard.

**Quilted Lining** in color Silk and Sateens 75 and \$1.25

**Reversible Flannelette;** fast colors 15 cents.  
Flannelettes in all colors and widths at 8, 10 12 $\frac{1}{2}$ , 15 and 18 cents.

**GARDNER, RICE, McLEOD CO., Limited**